



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

10/823,142

Source:

IFWO

Date Processed by STIC:

11-12-04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.2-PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby,
Room 1B03, Arlington, VA 22202

Revised 05/17/04

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IFWO

RAW SEQUENCE LISTING

DATE: 11/12/2004

PATENT APPLICATION: US/10/823,142

TIME: 11:14:35

Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\11122004\J823142.raw

3 <110> APPLICANT: AVENTIS PHARMA SA
 4 GUILLAUME, Jean-Marc
 5 DITTRICH, Werner
 6 PEREZ, Sandrine
 7 ANDREONI, Christine Michelle Pierrette
 8 PAILLOT, Romain
 10 <120> TITLE OF INVENTION: METHOD FOR OBTAINING MASTOCYTE LINES FROM PIG TISSUES AND
 FOR PRODUCING
 11 HEPARIN-TYPE MOLECULES
 13 <130> FILE REFERENCE: FRAV2003/0009 US NP
 15 <140> CURRENT APPLICATION NUMBER: 10/823,142
 16 <141> CURRENT FILING DATE: 2004-04-13
 18 <150> PRIOR APPLICATION NUMBER: 60/477,962
 19 <151> PRIOR FILING DATE: 2003-06-12
 21 <150> PRIOR APPLICATION NUMBER: FR 0304671
 22 <151> PRIOR FILING DATE: 2003-04-14
 24 <160> NUMBER OF SEQ ID NOS: 34
 26 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not Comply
Corrected Diskette Needed

(pg.1)

ERRORED SEQUENCES

681 <210> SEQ ID NO: 13
 682 <211> LENGTH: 18
 683 <212> TYPE: DNA
 684 <213> ORGANISM: Sus scrofa
 686 <400> SEQUENCE: 13
 E--> 687 cgggaccgc cnatcag

18

↖ pls explain "N" locations.
 ↗ See error explanation on page 3.

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/823,142

DATE: 11/12/2004
TIME: 11:14:36

Input Set : A:\pto.lm.txt
Output Set: N:\CRF4\11122004\J823142.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 185

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VARIABLE LOCATION SUMMARY
PATENT APPLICATION: US/10/823,142

DATE: 11/12/2004
TIME: 11:14:36

Input Set : A:\pto.lm.txt
Output Set: N:\CRF4\11122004\J823142.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

ERROR EXPLANATION: C

Seq#:1; N Pos. 38,41,3637,3923

Seq#:13; N Pos. 4,13

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/823,142

DATE: 11/12/2004

TIME: 11:14:36

Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\11122004\J823142.raw

L:55 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:3600

L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:3900

L:687 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:13

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